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means of said mobile station comprises a character display unit for displaying letters representing said positional infor-

11. A method for locating a mobile station based on a mobile communications system including a plurality of base 5 stations, said locating method comprising the steps of:

setting a plurality of grid sections each being smaller than a radio zone of each base station;

measuring positional relationship of each grid section with respect to said plurality of base stations;

memorizing data relating to positional relationship of each grid section with respect to said plurality of base stations;

stations to obtain mutual time differences in the propagation times of said characteristic signals between transmission of said characteristic signals at respective base stations and reception thereof at a mobile station;

identifying a grid section where said mobile station is present based on the obtained mutual time differences between said characteristic signals and on the memo14

rized positional relationship of each grid section with respect to said plurality of base stations.

12. The mobile station locating method in accordance with claim 11, wherein said transmitting step comprises transmitting said characteristic signals from said base stations simultaneously, and

wherein said mobile station implements the steps of calculating time differences in reception of said characteristic signals and sending back a calculated result to said base stations.

13. The mobile station locating method in accordance with claim 11, wherein said transmitting step comprises transmitting said characteristic signals from said base statransmitting characteristic signals from respective base 15 tions to a successively changed target grid search section in such a manner that said characteristic signals arrive at the target grid search section at the same time, and

> wherein said mobile station implements the step of sending back a confirmation signal to said base stations when said mobile station receives said characteristic signals simultaneously.